

Vol. 14, No. 2

WEEKLY REPORT

Week Ending January 16, 1965

### U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

#### EPIDEMIOLOGIC NOTES

#### RABIES IN ANIMALS

There were 88 cases of animal rabies reported for the week ended January 16, 1965; 70 cases were reported a year ago. Twenty-three of this week's total were reported from Tennessee. The cumulative total of animal rabies cases thus far in 1965 is 180 as compared to 119 for the similar period in 1964.

In 1964, 4,597 cases were reported for the entire year, the highest total since 1958. A large number of these cases represented for rabies occurring in Tennessee and and Virginia and skunk rabies in the midwest. The increased reporting from Tennessee continues. Most of these cases are located in the eastern counties. A special

#### CONTENTS

Shigellosis - North Carolina						18
Malaria - Pennsylvania						19
Salmonellosis - California .				•		19
Shigellosis - Georgia						24

report on the epidemiological pattern and control measures concerning fox rabies in this area will be included in a future issue.

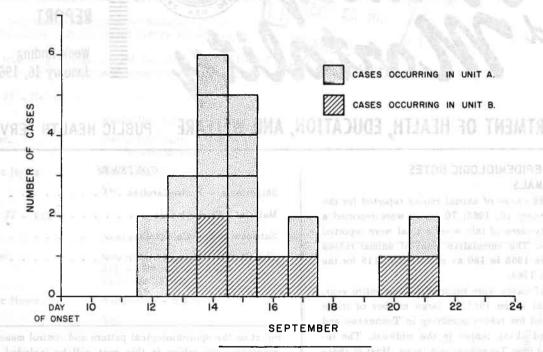
## Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES (Cumulative totals include revised and delayed reports through previous weeks)

	2nd We	ek Ended		Cumulative, First 2 Weeks					
Disease	January 16, 1965	January 11, 1964	Median 1960 - 1964	1965	1964	Median 1960 - 1964			
Aseptic meningitis	30	30	30	68	49	47			
rucellosis	30	1 %	6	10	7	14			
phtheria	2	1 1	20	9	6	35			
ncephalia	6	HOTEL HATE	20	64	61	44.81			
ncephalis, primary infectious	33	43			-				
Incephalitis, post-infectious	19	6		24	14				
Hepatitis, infectious including		normalis.	Allege I at all		the of the same	Harrist Street			
serum hepatitis	796	869	1,093	1,481	1,494	1,784			
Seasles	6,746	5,682	7,589	11,949	8,873	13,484			
Meningococcal infections		56	56	127	93	98			
Oliomyelitis Total		1	10	Description Description	i i	17			
Poliomyelitis, Total Paralytic Nonparalytic	Thinks I I'm	Direct and Line	5			7			
Nonparalust			,	1002 201	The second	P. STANDAR			
Nonparalytic	10.	1	7.7.7		to the second new				
	Creation of the				-				
Streptococcal c		4 44			III no re-en bo	of Imaged Te			
Scarlet fever	9,931	8,734	7,928	18,598	15,544	14,905			
Tetanus		6	***	8 010	9	Hall been in			
Nularemia Typhoid fever	ğ	7		13	16				
Typhoid fever	9	7	5	4	9	8			
	3			the state of the state of	Tellan officer	a lander transmitted			
Rabies in Animals	00	70	64	180	119	114			
	88	70	04	100	117	117			

#### Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Ann	Cum.		Cum.
Anthrax: Va1 Botulism: Leptospirosis: Malaria:	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Rabies in Man: Smallpox: Trichinosis:	1
Plague: Psittacosis:	rygre II (XII ) real	Typhus- Murine: Rky Mt. Spotted: N.C1, Va1	2

# OUTBREAK OF SHIGELLOSIS IN TWO MILITARY UNITS CASES BY DAY OF ONSET AND UNIT FORT BRAGG, NORTH CAROLINA



SHIGELLOSIS - Fort Bragg, North Carolina

A total of 22 soldiers experienced febrile diarrhea, subsequently proven to be due to shigellosis, in an outbreak involving 2 separate units at Fort Bragg, North Carolina, during the period September 12-21, 1964. Fourteen cases occurred in the "A" Battalion; 8, in the "B" Battalion.

Illnesses were characterized by fever (99-102.8°F), chills, headache, malaise, nausea, vomiting, cramps, and diarrhea. Only one individual experienced bloody diarrhea, and all responded promptly to treatment with oxytetracycline. Epidemic curves, by unit, show that the outbreaks occurred more or less simultaneously in the 2 units (see figure below).

Although the 2 units concerned operate totally independent mess halls, investigation into possible common sources of infection revealed that 3 "A" Battalion cooks had prepared food served at a "B" Battalion party on September 12. The only common food eaten by ill persons who attended the party was potato salad; only one of the 3 cooks had participated in the preparation of this food.

Preparation of the salad to be served at the "B" Battalion party had begun in the "A" Battalion mess hall at about 10 a.m. on September 12. At about 11 a.m. the finished product was placed in a large serving tray and refrigerated. At 3 p.m. all the foods including the salad, were picked up at the mess hall, transported to the party, and placed on the serving line. Serving began at 5 p.m. and continued until 11 p.m. No refrigeration was provided for the salad from 3 p.m. to 11 p.m. Left-over salad was discarded.

Unlike "B" Battalion, food histories on "A" Battalion representatives did not elicit a single meal or food common to all patients in this unit. Assuming that cases on September 20 and 21 represent secondary cases, based on a 1 to 7 day incubation period for shigellosis, infections in "A" Battalion probably occurred during the period September 10-11. All ill persons in "A" Battalion ate one or more meals in the "A" Battalion mess hall during this period. These dates include the day on which "B" Battalion held the party implicated as the source of infection for this unit.

Rectal swabs yielded positive cultures for Shigella sonnei (Group D) in 4 of 12 ill persons examined in "A" Battalion. No positive cultures were obtained from 4 ill persons examined in "B" Battalion; however, one of 36 asymptomatic individuals from this unit, who attended the party, yielded a culture of Sh. sonnei (Group D). The cook involved in salad preparation for the "B" Battalion party was the only one of 10 cooks who was positive for this same organism.

(Reported by Major Llewelly J. Legters, MC, Preventive Medicine Officer, Captain Larry Mulkerin, MC, Group Surgeon, and Captain A. T. Cramer, MC, Group Surgeon, U. S. Army John F. Kennedy Center for Special Warfare, and Captain John F. Barlow, MC, and 1/Lt Charles J. Harrell, MSC, Womack Army Hospital Laboratory, Fort Bragg, North Carolina.)

MALARIA - Pennsylvania SALMONELLOSIS - California

A case of malaria in a sailor occurring aboard a ship docked at Philadelphia was reported by Pennsylvania and Philadelphia health authorities in December, 1964.

A 44-year-old sailor aboard a Danish freighter first became ill on December 8, 1964. This was eight days prior to the date his ship reached Philadelphia. The patient had daily episodes of chills, fever and diaphoresis. He was given two penicillin injections for his fever. His symptoms persisted until the time he was hospitalized in Philadelphia on December 16. On admission to the hospital the only positive physical finding was a questionably enlarged spleen. Laboratory findings were Hb .-12 gms. and WBC-3500. The peripheral blood smears revealed the presence of Plasmodium falciparum. The patient was treated with chloroquine.

He had no previous history of malaria though he had traveled extensively around the world in areas endemic for malaria. He had no recent injections except the penicillin given for his fever. He stated that he took chloroquine as prophylaxis, but could not recall if this was once a week or once every two weeks.

The merchant vessel had a crew of 40 men. The ship was completing a routine around-the-world trip. The ship was carrying cocoa beans, timber and coffee from ports in West Africa to the United States. During the time the ship called at the West African ports the crew was offered chloroquine with their meals each Friday. Most of the crew took the drug in a regular manner. The crew noted that mosquitoes were dense and bothersome in all the West African ports, both on and off the ship. Mosquitoes were noted on board the ship for one day after it left West Africa but not after that time. In Philadelphia, each crew member was interviewed and had blood drawn for a peripheral blood smear and for a fluorescent antibody test for malaria antibody production. None of the crew had experienced recent symptoms compatible with malaria and all slides and fluorescent antibody tests were negative. The fluorescent antibody test for malaria antibody production was positive when tested with the serum of the single case.

(Reported by Dr. Sylvan Fish, Director, Communicable Disease Section, Philadelphia Department of Public Health, Dr. I. F. Gratch, Epidemiologist, Pennsylvania Department of Health, and an EIS Officer. Fluorescent antibody tests for malaria antibody production were performed by William Collins, Ph.D., Laboratory for Parasite Chemotherapy, NIH, Chamblee, Ga.)

An outbreak involving 14 cases of Salmonella newport infection in a newborn nursery in a large California hospital occurred in August 1964. Epidemiological investigation suggested that the outbreak began when a mother, subsequently found to be an asymptomatic carrier of S. newport, delivered an infant, who shortly after birth, became ill with symptoms of fever and bloody diarrhea. The infant's stool culture was positive for S. newport. Approximately 48 hours following this case, gastroenteritis occurred in other infants and in a nursery attendant. Within 2 weeks 14 cases had been identified, 12 of which were symptomatic. There was 1 death. The attack rate for the nursery population at risk was 10 percent.

During the course of the epidemic, attempts were made to control the outbreak and to define the method of dissemination within the nursery population. Initially, preexisting isolation techniques were strengthened and reinforced, and all infants suspected of having salmonellosis were transferred from the nursery to the pediatric floor, where more adequate facilities for patient isolation could be implemented. Spread within the nursery continued however, and eventually the entire delivery, maternity, and nursery units were closed for 4 days. During this period, a thorough cleansing, including scrubbing and even germicidal fogging was performed. Since reopening, no new cases have been identified.

All members of the nursery staff, including nurses, aides, physicians, floor assistants, and dietary workers submitted stool specimens for examination. In most instances 2 or more specimens were obtained. One attendant in the nursery was positive for S. newport. Cultures from other individuals produced a variety of isolates. One specimen from a nurse yielded S. blockley, a specimen from a dietary worker on the tray line in the cafeteria yielded S. typhi-murium, and a porter was found to be carrying S. heidelberg. In addition, a kitchen worker, father of one of the symptomatic infants, was found to be excreting S. newport.

Further investigation revealed that the nursery attendant positive for S. newport had had direct contact with all infants positive for S. newport, including the index case, during the time she was first symptomatic. No other person had had contact with all cases.

(Reported by Philip K. Condit, M.D., Chief, Bureau of Communicable Diseases, Henry A. Renteln, M.D., Head of Special Surveillance Section, an EIS Officer assigned to California State Department of Health; Herbert H. Cowper, M.D., Chief, Division of Communicable Diseases, and Caryl C. Carson, M.D., Epidemiologist, Los Angeles County Health Department.)

## Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

JANUARY 16, 1965 AND JANUARY 11, 1964 (2nd WEEK)

		***	Encep	halitis			Dipht	heria					
Area	Aseptic Meningitis		Primary Post-Inf.		т	in south	1900	777					
		menin	gitis	rimary	rost-III.	10111	otal Case			Paralytic	***	11.00 1.	Cum
							lative	100,200	Cumu 1		11010		
OF THE PART OF THE PARTY.	1965	1964	1965	1965	1965	1965	1964	1965	1965	1964	1965	1965	
UNITED STATES	30	30	33	19	44 -	-	1	-	i - I	-	6	9	
NEW ENGLAND	ONLESSEE	2	-0 0 5	6	-15	The same			demo-	and the set			
Maine	a virgen	e mêe-	resection -	1 - 1			_	-	-	-	-	_	
New Hampshire	1				-	KF L	1		1.0	411	311	_	
Vermont	72000	Date 16A	-	URIEA	-	- 10	71 -		ten eren				
Massachusetts	m - 17 - 17	1	4	möfund for	un -		0.01		1100 115 1		NAME OF TAXABLE		
Rhode Island				4	I	1 2 2	-	-	- 1	-			
Connecticut		1	1	1	oi -	1707-		- 7				-	
MIDDLE ATLANTIC	5	5	11	1	LNO			111	44 115	_		4-1	
New York City	a 21 p	11177	4	A BRIDE	11 -	D/I III = II		- 1	m (f)=n.	HD EE		177	
New York, Up-State.	2	2	1	1	_	-	-	-	- 1	-	-		
New Jersey	-	2	6	100.00	-	-	-	-	7 3 - 7		0.51		
Pennsylvania	2	1	1,2-1-1	1	T -	- n.ali <del>-</del> 111	-	-11	- Land	nelge di	5.32	dits	
EAST NORTH CENTRAL						****	60		m/1 vi	949 VATE	line v		
Ohio	3 2	2	3 2	ELIZHOU.					. ABY 1				
Indiana	of han	and the	100 mm	00-62 19	VII	-		44.4		111111111111111111111111111111111111111	79403	954	
Illinois		1000	day.	TOLVIII		_	-	-00	11-11-2	the Par	2.0	1111	
Michigan	1	2	1	-	-	-	-	-	1 - 1	- 1	-		
Wisconsin	-	-	441 -	en marin	-	-	-	-	-	-	-		
TECT NORTH CENTERAL	ST INC.		affil file	64.50	TT.			- PEDIL		70		I SI	
WEST NORTH CENTRAL	1	The same	5	1	-	11 157	- 1	i i i jiri		Per 1 7/	2	4	
Iowa	1		1	1		Sales -	-				.70	1	
Missouri	100	titten) n	1					1 -	1	-	-		
North Dakota	e sale al	N (C. 1944)	ak ber		Sa	STATE	100 20	refer Ser	17 MI			NUMBER OF	
South Dakota		-	1	-	-	2-0.00	40.0	e e 70	dime.		1		
Nebraska	41	- mary - 6	1861-017	1000	-		349	-	- 1	-	1		
Kansas	(8) 1-0	1 1-10-	1	de stra	-	-	- min - m		-	-	- 1	4.0	
SOUTH ATLANTIC	2	1001	0.000	the on I					1	- 1			
Delaware		1	5	2	-	BULLINE	1	D. Tolling	1.7 (47)	Carried to	1		
Maryland	HOLE TH	Peril Property		Marry 2 . 9		V 10	1000						
Dist. of Columbia		N Itte	iii ger	E-11 200	e3.	110	Aller A		1 11 11 11	_			
Virginia	1	_	2	1 1	-	1994	ALTER Design	i Kerrie		4 -	4.5 - 1	-Y =	
West Virginia	the same	and the later	-1	-	-	4 9 C 5 H	5.10 But	n -	1.0		-	100	
North Carolina			-	- 1	-	-	1	-	1	-	1		
South Carolina	CIPALI-	30.1	, 120.0	CHILL STEE	-	111410	Sept. 20		A 3-4-31	-		(	
Georgia	aza înt	Paper Gr	q = 10c3	1 1 1	-	Suitz Tull	netti su		1 100		100		
110114	1		3	- 1	-	Tar more a							
EAST SOUTH CENTRAL	1	3	1	-	-		-	-		-	1		
Kentucky	i	ī	1	0.3057 HITZ		7.11	1 100	111021 1	mi bilin	-	en in gra	mail I	
Tennessee	864 .	St. Series II	1	17 -1	-	I	10"	10.77	<b>4</b> -	170			
Alabama	51	2		112	-			100					
Mississippi	Par Heart		LAN AGA	-	-	-		10000		All III e	1		
WEST SOUTH CENTRAL	4	100 100	70 M 2 w		에	11111111111	HI HE	7 4	TE HI			5:10	
Arkansas	4	a state	1	A (12)	fit I		and the	135	for letters.	THE R. P.	2		
Louisiana			THE LAND		-								
Oklahoma	at the same		(9)-(9)			100		100	34 Tag   1,0		Of 14		
Texas	4	Highly a	1	1	el - l	THE YES	J - 125 July 14	101-	431	in their	2	-1.0	
40111714 731			100	P. Balting		مرعاليو الع	2014		1.00	7- 3-64	the little by	alimi.	
MONTAIN	1	2	-	1	-	-				A US	•	40.0	
MontanaIdaho				1		152 V-	34.5	38	A 1500 - 500	1949, 144	19-6-	200	
Wyoming	1	ni ilitira)	1188/60	mitter i		a bud in	4 (54)	tid to	1.78-410-	gg tegrino	and dus-	J .0	
Colorado	<u> </u>	1	E WEST	STARK IN	ab -	1	14.07 - 117	w. herri	A . #9 II = I	01111			
New Mexico	-				-		500	01 11	-	-			
Arizona	and the line	1	(1) LL (2)	4	-			-	- 1	- 1	200 P		
Utah	1011-1	K CIK-U	11947-		n ξ	-	-	-	-	- 1	-		
Nevada	or Dire	Le Sint	Large Process	the sector	luy -	-	-	-	-	-	-		
ACIFIC					11		1	20.40					
Washington	13	15	2	7	-	_		-	2	-		- 12	
Oregon.	30 TO 100	N 5	1	- batoogr	983	13.0-04	10 au 1 -	BS THE A	P/C	Land of the	5 94 0	eren.	
California	12	13	A-100 I	6	e -	days 4			1 1		0 12 0		
Alaska	-	-	_	-						- 1			
Hawaii	1	2	100000	now Man	V4 - i	ninavi i	2007	13700	14 5 7	2 2	- 4	200	

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JANUARY 16, 1965 AND JANUARY 11, 1964 (2nd WEEK) - Continued

Area   1965   19	a table	Brucel- losis	11		tious Hepa g Serum He			eningococc Infections	Tetanus			
1965   1965	Area	1, -							Cumu 1	attuo	2444	Cur
UNITED SIATES. 2 796 421 329 1,481 1,694 77 127 93 5 8  MEM ENGLADD 47 26 17 93 214 5 6 5 - 1  Maine 4 1 2 19 84 1 1 1  May Magnifret 4 1 2 9 32 1  May Magnifret 2 1 2 9 32 1  May Magnifret 2 8 8 8 39 8 3 4 1 1 1  May Magnifret 6 4 2 1 2 9 32 1  Man Magnifret 6 4 2 1 2 9 32 1  Man Magnifret 6 4 2 1 3 2 9 1 6 5 6 - 5  Man Magnifret 6 4 2 1 5 29 1 1 4 1  Man Magnifret 6 4 2 1 5 29 1 1 4 1  Man Magnifret 6 4 2 1 5 29 1 1 4 1  Man Magnifret 6 4 2 1 5 29 1 1 4		1965						1065			1065	
MS   PRINCE	UNITED STATES											
Maintenant	NEW ENGLAND	J	47	26	17							
Vermont	Maine		4	1								1
Masachusetts	New Hampshire							U - 1	-	-		1
Rhode Island	Massachusette										-	-
Connecticut.   - 6	Rhode Island										-	-
See York City   -   15	Connecticut	-										
See York City   -   15	MIDDLE ATLANTIC		167	94	73	281	379	12	19	16	100	4.1927
New York, Up-State.	New York City	-		1							1171 - 16	1
Fennsylvania 26   13   13   60   91   3   4   6   -   AST NORTH CENTRAL.   1   134   85   46   271   171   15   4   -   Ohio	New York, Up-State.	_	109	74	35	140					2 5 - 10	
AST NORTH CENTRAL.  1 134 85 46 271 171 11 15 4 2 - 2 Chiclians.  - 33 23 9 88 84 6 8 2 1 Chiclians.  - 31 177 12 55 12 3 5 1 1 Chiclians.  - 31 177 12 55 12 3 5 1	New Jersey	-							6		-	_
Onion		-	26	13	13	60	91	3	4	6	-	-
Indiana	AST NORTH CENTRAL										A-TEXT III	
Illinois	Indiana											-
Bitchigan.         -         62         38         24         103         55         -         1         1         -         2         2         -         -         -         1         1         -         2         2         -         -         -         1         1         -         -         1         1         -	Illinois											-
### ### ### ### ### ### ### ### ### ##	Michigan											Mark I
Minesota	Wisconsin	1									-	-116
Minsouri	EST NORTH CENTRAL	-	63	32	30	109	96	4	8	1		2
Missouri	Minnesota	-					3	-	-	-	11 21 40	
North Dakota   -   -   -   -   1   -   3   1   -   -	Missouri	-								200-0	-	1
South Dakota	North Dakota										-	)
Mebraska         3         1         2         3         7         -<	South Dakota										-	-
Kansas         -         6         4         2         16         46         1         1         -         -         -         Delayare         -         3         1         2         1         2         -         -         2         -         -         -         2         -	Nebraska											
Delawre	Kansas	-										
Delawre	OUTH ATLANTIC		98	54	40	163	113	14	25	22	4	4
Dist. of Columbia   -   14   10   4   27   26   -   -   2   -   -   -   2   -   -   -	Delaware										-	1 100
Mirginia	Diaryland	-		10	4	27	26	- 100		2	4 10	_
Most Virginia	Virginia							1			_	-
South Carolina	west Virginia											-
SOUTH Carolina   -   3   1   2   6   4   -   -   7   7   -	North Carolina											
Secretarian   -   9   -   9   18   4   5   9   1   3   3   5   1   1   1   1   1   1   1   1   1	Jouth Carolina											the same of
AST SOUTH CENTRAL 37 23 12 68 112 8 11 11 - Entencky 11 8 1 21 56 6 7 4 - Tennessee 13 10 3 22 32 - 2 5 - Alabama 7 4 3 17 19 2 2 2 2 - 5 - Alabama 7 4 5 8 5	Georgia		- 9	-	9	18	4	5	9	1	3	3
Sentucky			°	3	,	26	45	3	8	5	1	1
Alabama	Kentucky								11	11	COLUMN IN	-
Mississippi	rennessee										-	-
TEST SOUTH CENTRAL.   -	niabama.											-
Coulsiana	Mississippi										- 1	4-1-2
Colorado	EST SOUTH CENTRAL		65	35	29	154	75	7	16	12	ATTACK TO	
Colorado	ni kansas	-									F 1 4	
OUNTAIN. 1 53 15 9 95 98 3 3 9 1 1	20ulSlang				5			3			_	F1691
OUNTAIN	Texas		1		1	_						
Idaho.	OUNTAIN		i i		- 0				1 1	б		-
Myoning.								- 1		9		
ACIFIC 132 57 73 247 236 13 24 15 1 1 1 2 4 6 29 18 1 1 1	-4ano.									-	-	-
Arizona 2 1 1 1 3 19 - 3 5 - 5 11 1 3 19 - 3 7 - 5 7 73 247 236 13 24 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ישומיטעיי						6				11111	
Arizona 15 6 3 21 11 3 3 5							19					(4/1) (1)
Table 1	WCW Mexico	1.									43.0110	N. Sarak
ACIFIC 132 57 73 247 236 13 24 15 1 1 1 Oregon 12 6 6 6 29 18 1 1	*** 120na				-	24	23	-				0.100
ACIFIC	Nevada					9				10.00		110(1)
Oregon 13 8 5 16 31 - 1 - 1		7					2	-	-	- 1		
Oregon 13 8 5 16 31 - 1 - 1	LUIFIC		132	57	73	247	236	13	24	15		. ,
- 12 6 6 6 29 18 1 1		N - I -										
- 95 39 56 174 169 12 22 14 1 1 1 1 1 1 4 6 28 13 - 1					6	29		1	1		REFER -	
							169		22	14	1	
5 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Hawaii.		1 }			28		1100				STATE OF THE PARTY OF
		-			- (-)	•	5		•	-		

#### Morbidity and Mortality Weekly Report

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

JANUARY 16, 1965 AND JANUARY 11, 1964 (2nd WEEK) - Continued

Area  UNITED STATES. 6,746  NEW ENGLAND. 1,871 Maine. 238 New Hampshire. 29 Vermont. 15 Massachusetts. 1,070 Rhode Island. 278 Connecticut. 261  MIDDLE ATLANTIC. 307 New York City. 39 New York, Up-State. 125 New Jersey. 54 Pennsylvania. 89 EAST NORTH CENTRAL. 1,229 Ohio. 228 Indiana. 21 Illinois. 31 Michigan. 695 Wisconsin. 254  WEST NORTH CENTRAL. 475 Minnesota. 55 Lowa. 272 Missouri. 33 North Dakota. 153 South Dakota. 88 Kansas. NN  SOUTH ATLANTIC. 849 Delaware. 39 Maryland. 81 Dist. of Columbia. 161 Virginia. 116 West Virginia. 161 West Virginia. 161 South Carolina. 23 South Carolina. 23 South Carolina. 23 South Carolina. 23 South Carolina. 24 Georgia. 66 Florida. 40  EAST SOUTH CENTRAL. 361 Arkansas. 24 Alabama. 36 Mississisppi. 40  WEST SOUTH CENTRAL. 361 Arkansas. 2 Louisiana. 0 Columbia 767  MOUNTAIN. 767	Cum 1965 11,949 3,747 495 87 20 1,966 3662 817 422 67 157 54 144 1,731 297 53 56 943 382 825 8 430 82 277 16 12 NN 1,632 51 18	1964 8,873 463 31 5 107 124 15 181 1,926 37 282 458 449 1,416 190 323 528 254 121 224 1 45 18 157 3 - NN 1,121 11 219 27	1965 9,931 929 82 17 9 120 36 6655 328 26 206 43 53 950 129 81 68 447 225 387 10 105 36 157 57 2 20 1,126 5 121	1965	Cum. 1965 13	1965	Cum. 1965 4	1965 88  1 1 3 7 - 1 - 2 4  24 5 8 3 3 1 3 1	196 186 186 10 10
UNITED STATES. 6,746  NEW ENGLAND. 1,871  Maine. 238  New Hampshire 29  Vermont. 15  Massachusetts. 1,070  Rhode Island. 278  Connecticut. 241  MIDDLE ATLANTIC. 307  New York City. 39  New York, up-State. 125  New Jersey. 54  Pennsylvania. 89  EAST NORTH CENTRAL. 1,229  Ohio. 228  Indiana. 21  Illinois. 31  Michigan. 655  Wisconsin. 254  WEST NORTH CENTRAL. 475  Minnesota. 51  Owa. 272  Missouri. 33  North Dakota. 153  South Dakota. 40  Nebraska. 88  Kansas. NN  SOUTH ATLANTIC. 39  Maryland. 89  Delaware. 39  Maryland. 80  Dist. of Columbia 161  Virginia. 116  West Virginia. 161  North Carolina. 23  South Carolina. 23  South Carolina. 23  South Carolina. 40  EAST SOUTH CENTRAL. 326  Kentucky. 4  Tennessee. 246  Alabama. 36  Mississippi. 40  WEST SOUTH CENTRAL 361  Arkansas. 2  Louisiana. 06  OKAST SOUTH CENTRAL 361  Arkansas. 2  Louisiana. 369	11,949 3,747 495 87 20 1,966 362 817 422 67 157 54 144 1,731 297 53 56 943 382 825 8 430 82 277 16 12 NN	8,873  463 31 5 107 124 15 181  1,926 37 282 458 449  1,416 190 323 528 254 121  224 1 45 18 157 3 - NN  1,121 11 219	9,931  929 82 17 9 120 36 665  328 26 206 43 53  950 129 81 68 447 225  387 10 105 36 157 57 2 2 20  1,126 5 121	9	13	3	1	88  1 1 3 3 1 2 4  24 5 8 3 1 3 1	180 30 31 4
UNITED STATES. 6,746  NEW ENGLAND. 1,871  Maine. 238  New Hampshire. 29  Vermont. 15  Massachusetts. 1,070  Rhode Island. 278  Connecticut. 241  MIDDLE ATLANTIC. 307  New York City. 39  New York, Up-State. 125  New Jersey. 54  Pennsylvania. 89  EAST NORTH CENTRAL. 1,229  Ohio. 228  Indiana. 21  Illinois. 31  Michigan. 655  Wisconsin. 254  WEST NORTH CENTRAL. 475  Minnesota. 51  Owa. 272  Missouri. 33  North Dakota. 153  South Dakota. 40  Nebraska. 88  Kansas. NN  SOUTH ATLANTIC. 39  Maryland. 39  Maryland. 39  Maryland. 39  Maryland. 30  Delaware. 39  Maryland. 23  South Carolina. 23  South Carolina. 23  South Carolina. 23  South Carolina. 40  EAST SOUTH CENTRAL. 326  Kentucky. 4  Tennessee. 246  Alabama. 36  Mississippi. 40  WEST SOUTH CENTRAL 361  Arkansas. 2  Louisiana. 06  OKAST SOUTH CENTRAL 361  Arkansas. 2  Louisiana. 369  WEST SOUTH CENTRAL 361  Arkansas. 2  Louisiana. 369	11,949 3,747 495 87 20 1,966 362 817 422 67 157 54 144 1,731 297 53 56 943 382 825 8 430 82 277 16 12 NN	8,873  463 31 5 107 124 15 181  1,926 37 282 458 449  1,416 190 323 528 254 121  224 1 45 18 157 3 - NN  1,121 11 219	9,931  929 82 17 9 120 36 665  328 26 206 43 53  950 129 81 68 447 225  387 10 105 36 157 57 2 2 20  1,126 5 121	9	13	3	1	88  1 1 3 3 1 2 4  24 5 8 3 1 3 1	180 30 31 4
NEW ENGLAND   1,871   Maine   238   New Hampshire   29   Vermont   15   Massachusetts   1,070   Rhode Island   278   Connecticut   241   MIDDLE ATLANTIC   307   New York City   39   New York   Up-State   125   New Jersey   54   Pennsylvania   89   EAST NORTH CENTRAL   1,229   Ohio   228   Indiana   21   Illinois   31   Michigan   695   Wisconsin   254   Wisconsin   254   Wisconsin   272   Missouri   33   North Dakota   153   South Dakota   40   Nebraska   8   Kansas   NN   SOUTH ATLANTIC   39   Maryland   38   Maryland   40   Mest Virginia   40   Mest Virginia   40   Mest Virginia   40   Mississippi   40   Missisna   25   Miss	3,747 495 87 20 1,966 362 817 422 67 157 54 144 1,731 297 53 566 943 382 825 8 430 82 277 166 12 NN 1,632 51	463 31 5 107 124 15 181  1,926 37 282 458 449  1,416 190 323 528 254 121  224 1 45 18 157 3 -NN  1,121 11 219	929 82 17 9 120 36 665 328 26 206 43 53 950 129 81 68 447 225 387 10 105 36 157 57 2 20 1,126 5	1 3 3	1 1 5	1		1 1 1 1	30
Maine	495 87 20 1,966 362 817 422 67 157 54 144 1,731 297 53 56 943 382 825 8 430 82 277 16 12 NN	31 5 107 124 15 181 1,926 137 282 458 449 1,416 190 323 528 254 121 224 1 45 18 157 3 - NN	82 17 9 120 36 665 328 26 206 43 53 950 129 81 68 447 225 387 10 105 36 157 57 2 20	1 3 3	1 1 5	-	1		336
New Hampshire.   29     Vermont.   15     Massachusetts   1,070     Rhode Island   278     Connecticut   241     Gornecticut   307     New York City   39     New York   125     New York   125     Pennsylvania   89     EAST NORTH CENTRAL   1,229     Chio   228     Indiana   21     Illinois   31     Michigan   695     Wisconsin   254     WEST NORTH CENTRAL   475     Minnesota   51     Lowa   272     Missouri   33     North Dakota   53     Nouth Dakota   40     Nebraska   8     SOUTH ATLANTIC   39     Maryland   16     West Virginia   16     West Virginia   613     North Carolina   23     South Carolina   23     South Carolina   23     South Carolina   24     Georgia   6     Florida   40     EAST SOUTH CENTRAL   361     Arkansas   2     Louisiana   0     CAST SOUTH CENTRAL   361     Arkansas   2     Louisiana   0     Cass   359     Texas   359	87 20 1,966 362 817 422 67 157 54 144 1,731 297 53 56 943 382 825 8 430 82 277 16 12 NN	5 107 124 15 181  1,926 37 282 458 449  1,416 190 323 528 254 121  224 1 45 18 157 3 - NN  1,121 11 219	17 9 120 36 665 328 26 206 43 53 950 129 81 68 447 225 387 10 105 36 157 57 2 20 1,126 5	1 3 3	1 1 5	-	1	1   3  3  7  1  2 4 24 5 8 3 3 1 3	30
Vermont	20 1,966 362 817 422 67 157 54 144 1,731 297 53 56 943 382 825 8430 82 277 16 12 NN	107 124 15 181  1,926 137 282 458 449  1,416 190 323 528 254 121  224 1 45 18 157 3 - NN  1,121 11 219	9 120 36 665 328 26 206 43 53 950 129 81 68 447 225 387 10 105 36 157 57 2 20 1,126 5 121	1	1 5	-	1	1   3  3  7  1  2 4 24 5 8 3 3 1 3	30
Massachusetts	1,966 362 817 422 67 157 56 144 1,731 297 53 56 943 382 825 8 430 82 277 16 12 NN	124 15 181 1,926 137 282 458 449 1,416 190 323 528 254 121 224 1 45 18 157 3 	120 36 665 328 26 206 43 53 950 129 81 68 447 225 387 10 105 36 157 57 2 20 1,126 5 121	1	1 1 5	-	1	3 -3 -3 	33.
Rhode Island. 278 Connecticut. 241  MIDDLE ATLANTIC. 307 New York City. 39 New York, Up-State. 125 New Jersey. 54 Pennsylvania. 89  EAST NORTH CENTRAL. 1,229 Ohio. 228 Indiana. 21 Illinois. 31 Michigan. 695 Wisconsin. 254  WEST NORTH CENTRAL. 475 Minnesota. 51 Lowa. 272 Missouri. 33 North Dakota. 153 South Dakota. 40 Nebraska. 80  SOUTH ATLANTIC. 849 Delaware. 39 Maryland. 88 Maryland. 88 Dist. of Columbia 161 West Virginia. 116 West Virginia. 116 West Virginia. 123 South Carolina. 23 South Carolina. 23 South Carolina. 23 South Carolina. 23 South Carolina. 326 Kentucky. 40 Tennessee. 246 Alabama. 36 Mississippi. 40  VEST SOUTH CENTRAL 361 Arkansas. 2 Louisiana. 06 Lakana. 369  VEST SOUTH CENTRAL 361 Arkansas. 2 Louisiana. 06 Louisiana. 359	362 817 422 67 157 54 144 1,731 297 53 56 943 382 825 8 430 82 277 16 12 NN	15 181 1,926 37 282 458 449 1,416 190 323 528 254 121 224 1 45 18 157 3 NN	36 6655 328 26 206 43 53 950 129 81 68 447 225 387 10 105 36 157 57 2 20 1,126 5	1	1	-	1	3 -3 	3.
Connecticut	817 422 67 157 54 144 1,731 297 53 56 943 382 825 8 430 82 277 16 12 NN	181  1,926	328 26 206 43 53 950 129 81 68 447 225 387 10 105 36 157 57 2 20 1,126 5 121	1	11 1	-	1	3 -3 	33
New York City	67 157 5.6 144 1,731 297 53 56 943 382 825 825 82 277 16 12 NN	1,416 190 323 528 254 121 224 1 45 18 157 3 -NN	26 206 43 53 950 129 81 68 447 225 387 10 105 36 157 57 2 200	1	1 1	-	1	- 3 	33
New York City	67 157 5.6 144 1,731 297 53 56 943 382 825 825 82 277 16 12 NN	1,416 190 323 528 254 121 224 1 45 18 157 3 -NN	26 206 43 53 950 129 81 68 447 225 387 10 105 36 157 57 2 200	1	1 1	-	1	- 3 	33
New York, up-State   New Jersey	157 56. 144 1,731 297 53 56 943 382 825 8 430 82 277 16 12 NN	282 458 449 1,416 190 323 528 254 121 224 1 45 18 157 3 - NN	206 43 53 950 129 81 68 447 225 387 10 105 36 157 57 2 20	1	1 1 1 5 5	-	1	3 - - 7 - 1 - 2 4 24 5 8 3 3 1 3 1	33
New Jersey	5.4 144 1,731 297 53 566 943 382 825 8 430 82 277 166 12 NN	1,416 190 323 528 254 121 224 1 45 18 157 3 - NN	43 53 950 129 81 68 447 225 387 10 105 36 157 57 2 20	1	1 1 1 5	-	1	7 - 1 - 2 4 24 5 8 3 3 1 3	3
Pennsylvania	144 1,731 297 53 56 943 382 825 8 430 82 277 16 12 NN	1,416 190 323 528 254 121 224 1 45 18 157 3 	53 950 129 81 68 447 225 387 10 105 36 157 57 2 20 1,126 5	1 1 3	1 1	-	1	7 - 1 - 2 4 24 5 8 3 3 1 3	36
Ohio. 228 Indiana 21 Illinois 31 Michigan 695 Wisconsin 254 WEST NORTH CENTRAL 475 Minnesota 51 Owa 272 Missouri 33 North Dakota 153 South Dakota 4 Nebraska 8 Kansas NN SOUTH ATLANTIC 849 Delaware 39 Maryland 16 West Virginia 1613 North Carolina 23 South Carolina 23 South Carolina 40 EAST SOUTH CENTRAL 326 Kentucky 4 Tennessee 246 Alabama 36 Mississippi 40 VEST SOUTH CENTRAL 361 Arkansas 2 Louisiana 041 CEAST SOUTH CENTRAL 361 Arkansas 2 Louisiana 061 Arkansas 2 Louisiana 759	297 53 566 943 382 825 8 430 82 277 16 12 NN	190 323 528 254 121 224 1 45 18 157 3 - NN	129 81 68 447 225 387 10 105 36 157 57 2 20	1 1 3	1 1		1	24 5 8 3 3 1 3	3.
Ohio	297 53 566 943 382 825 8 430 82 277 16 12 NN	190 323 528 254 121 224 1 45 18 157 3 - NN	129 81 68 447 225 387 10 105 36 157 57 2 20	1 1 3	1 1		1	24 5 8 3 3 1 3	33
Indiana	53 56 943 382 825 8 430 82 277 16 12 NN	323 528 254 121 224 1 45 18 157 3 - NN 1,121 11 219	81 68 447 225 387 10 105 36 157 57 2 20	1 1 3	1 1		1	1 - 2 4 5 8 3 3 1 3 1	33 8 12 4
Illinois	56 943 382 825 8 430 82 277 16 12 NN	528 254 121 224 1 45 18 157 3 - NN 1,121 11 219	68 447 225 387 10 105 36 157 57 2 20	1 1 3	1 1		1	24 5 8 3 3 1 3	3
Michigan. 695 Wisconsin. 254 WEST NORTH CENTRAL. 475 Minnesota. 570 Minnesota. 33 North Dakota. 153 South Dakota. 48 Nebraska. 88 Kansas. NN SOUTH ATLANTIC. 849 Delaware. 39 Maryland. 87 Dist. of Columbia 116 West Virginia. 116 West Virginia. 613 North Carolina 23 South Carolina 40 Georgia. 66 Florida. 40 EAST SOUTH CENTRAL 326 Kentucky. 4 Tennessee 246 Alabama. 36 Mississippi 40 WEST SOUTH CENTRAL 361 Arkansas. 2 Louisiana 06 Landana. 369	943 382 825 8 430 82 277 16 12 NN	254 121 224 1 45 18 157 3 - NN 1,121 11 219	447 225 387 10 105 36 157 57 2 20 1,126 5	1 1 3	1 1 1 5		1	2 4 24 5 8 3 3 1 3 1	3
Wisconsin	382 825 8 430 82 277 16 12 NN	121 224 1 45 18 157 3 	225 387 10 105 36 157 57 2 200 1,126 5 121	1 1 3	1 1			24 5 8 3 1 3	3
Minnesota	8 430 82 277 16 12 NN	1 45 18 157 3 - NN 1,121 11 219	10 105 36 157 57 2 20 1,126 5	1	- - - - 1		1	5 8 3 3 1 3	1
Minnesota	8 430 82 277 16 12 NN	1 45 18 157 3 - NN 1,121 11 219	10 105 36 157 57 2 20 1,126 5	1	- - - - 1		1	5 8 3 3 1 3	1
10wa   272   272   273   273   273   275	430 82 277 16 12 NN 1,632 51	45 18 157 3 - NN 1,121 11 219	105 36 157 57 2 20 1,126 5	- - - - 1	- - - - 1	1	- 1	8 3 3 1 3	1:
Missouri.       33         North Dakota.       153         South Dakota.       4         Nebraska.       8         Kansas.       NN         SOUTH ATLANTIC.       849         Delaware.       39         Maryland.       8         Dist. of Columbia.       -         Virginia.       116         West Virginia.       613         North Carolina.       23         South Carolina.       40         EAST SOUTH CENTRAL.       326         Kentucky.       4         Tennessee.       246         Alabama.       36         Mississispipi.       40         WEST SOUTH CENTRAL.       361         Arkansas.       2         Louisiana.       -         Oklahoma.       -         Texas.       359	82 277 16 12 NN 1,632 51	18 157 3 - NN 1,121 11 219	36 157 57 2 20 1,126 5	- - 1	- - 1	1	1	3 3 1 3	P LEED III
South Dakota	16 12 NN 1,632 51	3 - NN 1,121 11 219	57 2 20 1,126 5 121	- 1 3	- 1 5	1	1	1 3 1	1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Nebraska         8           Kansas         NN           SOUTH ATLANTIC         849           Delaware         39           Maryland         8           Dist. of Columbia         -           Virginia         116           West Virginia         613           North Carclina         23           South Carolina         4           Georgia         6           Florida         40           EAST SOUTH CENTRAL         326           Kentucky         4           Tennessee         246           Alabama         36           Mississippi         40           JEST SOUTH CENTRAL         361           Arkansas         2           Louisiana         -           Oklahoma         -           Texas         359	12 NN 1,632 51	1,121 11 219	2 20 1,126 5 121	- 1 3 -	- 1 5	- 1	1	3	0 22 0 0 P
No.   No.	NN 1,632 51	1,121 11 219	20 1,126 5 121	1 3 -	1 5	1	1	1	6.40    —
SOUTH ATLANTIC.   849	1,632 51	1,121 11 219	1,126 5 121	3 -	5	1	1		
Delaware	51	11 219	5 121	-		1	1	10	2
Maryland		219	121		-	1 -	1		
Dist. of Columbia.  Virginia	18								
Virginia         116           West Virginia         613           North Carolina         23           South Carolina         4           Georgia         6           Florida         40           EAST SOUTH CENTRAL         326           Kentucky         4           Tennessee         246           Alabama         36           Mississisippi         40           WEST SOUTH CENTRAL         361           Arkansas         2           Louisiana         -           Oklahoma         -           Texas         359		27	1 1		-	for the		100000	-17-0
West Virginia         613           North Carolina         23           South Carolina         4           Georgia         6           Florida         40           EAST SOUTH CENTRAL         326           Kentucky         4           Tennessee         246           Alabama         36           Mississisippi         40           WEST SOUTH CENTRAL         361           Arkansas         2           Louisiana         -           Oklahoma         -           Texas         359	156			2	-		C - 11	10	22.1
North Carolina   23	156 1,266	296 424	329 407	-	2	2	G -	10	2
South Carolina	50	31	15	-		1	1		la la soci
### Florida	17	71	48	1	2		-	6.41	3 34.0
EAST SOUTH CENTRAL	11	4	17	-	1	-			alas -
Kentucky	6.3	38	183	-	-	-	-	1-0-10-0	44.
Tennessee	559	1,290	1,503	2	2	-		32	7:
Alabama	10	648	107	1	1		- 1	3	Hillery.
Mississippi	411	558	1,201	1	1	-		28	6
WEST SOUTH CENTRAL 361 Arkansas	62	24	49	1.1	-	-	- 1	1	-
Arkansas	76	20	146	- 1 "	-	1		- 43	14.762.13
LouisianaOklahoma Texas	852	499	701	2	3	1	2	6	2
Oklahoma	2	25	2	2	2	1	2	2	111111
Texas	1	E	1		= 711	1	3 7 ()	4	
minimask.	5 844	473	698	. "11"	1	s: 1	0.1		
MOUNTAIN 767		1-3-3	0,0		9 _ [	1			
	1,288	502	2,166	1	2	6 -	TA -	3	RIATE
Montana	468	179	5	-					200
Idaho	196 54	81	193 105	=:/		1			
Colorado	181	46	1,037			1	I I I		
New Mexico 33	47	6	187			U - 1	2 1		
Arizona8	30	115	215			-	- 1	3	-
Utah 223	309	58	374	1	2	-	46 <b>-</b> 15		Like
Nevada3	3	11	1 - 1 -	1		-	-: -		A DOMEST
PACIFIC 561	893	1,432	1,841		tr	1	- 1	2	
Washington 136	141	556	433		-	1.	1	-	and the
Oregon	00:	211	14	-		1			1107
California 197	304	472	1,266		25		1	2	
Alaska 7	349	180	56			3			23.053
Hawaii		13	72	-	-	1	1	e na Ke e na st	100

ek No. Table 4. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JANUARY 16, 1965

2

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	A11 Ca	uses	Pneumonia	Under	The state of the s	All C	auses	Pneumonia	Under 1 year
	A11 65 yea		and Influenza	l year All	Area	A11	65 years	years Influenza	
	Ages	and over	All Ages	Causes		Ages	and over	All Ages	All Cause
NEW ENGLAND:	871	551	57	45	SOUTH ATLANTIC:	1,287	643	45	58
Boston, Mass	278	174	17	12	Atlanta, Ga	139	64	6	9
Bridgeport, Conn	41	20	5	6	Baltimore, Md		157	7	12
Cambridge, Mass	40	30	5017	8 T 3 F	Charlotte, N. C	44	15	1	all L
Fall River, Mass.	30 67	18 41	2	1 3	Jacksonville, Fla	83	29	2	
Hartford, Conn Lowell, Mass	26	18	3		Miami, Fla Norfolk, Va	97 66	45 36	5	
Lynn, Mass	22	16	2	1	Richmond, Va	85	48	4	TEVE
New Bedford, Mass	33	27	-	1	Savannah, Ga	45	14	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.6
New Haven, Conn	7.5	51	3	4	St. Petersburg, Fla	92	70	3	:
Providence, R. I	92	55	3	5	Tampa, Fla	65	38	6	
Somerville, Mass	17 42	14 26	3 8	2	Washington, D. C	218	100	8	Litpics,
Springfield, Mass Waterbury, Conn	40	24	3	4	Wilmington, Del	56	27	2	1 eec
Worcester, Mass	68	37	8	6	EAST SOUTH CENTRAL:	732	366	43	58
					Birmingham, Ala	116	59	2	
IDDLE ATLANTIC:	4,115	2,408	228	210	Chattanooga, Tenn	72	31	3	
Allertown Ro	44	23	1	2	Knoxville, Tenn	134	32	3	12
Allentown, Pa Buffalo, N. Y	42 180	25 92	3 4	11	Louisville, Ky Memphis, Tenn	134 153	72 62	13 5	12
Camden, N. J	63	39	8	2	Mobile, Ala	43	20	5	1.
Elizabeth, N. J	33	15	1	1	Montgomery, Ala	48	28	8	
Erie, Pa	55	39	10	2	Nashville, Tenn	105	62	4	
Jersey City, N. J	93	44	13	5	Company of the Compan	a the street	100	120	
Newark, N. J	107	51	7	10	WEST SOUTH CENTRAL:	1,193	602	62	109
New York City, N. Y	1,926	1,150	110	106	Austin, Tex	39	24	3	
Philadelphia, Pa	49 859	26 493	3 20	5 34	Baton Rouge, La Corpus Christi, Tex	59 31	25 14	2 4	
Pittsburgh, Pa	221	126	11	15	Dallas, Tex	147	86	3	
Reading, Pa	46	36	6		El Paso, Tex	42	15	6	1
Rochester, N. Y	107	71	15	6	Fort Worth, Tex	80	48	5	(
Schenectady, N. Y	33	21	3	1	Houston, Tex	241	108	6	1:
Scranton, Pa.	43	21	2	2	Little Rock, Ark	63	36	4	-
Syracuse, N. Y	70	41	3	4	New Orleans, La	183	83	7	17
Trenton, N. J Utica, N. Y	85 23	51 21	4	1	Oklahoma City, Okla	67 102	32	1	13
Yonkers, N. Y	36	23	4	3	San Antonio, Tex Shreveport, La	65	63 28	6 8	13
	30	13.000.6		1004	Tulsa, Okla	74	40	7	1
AST NORTH CENTRAL:	2,748	1,511	138	161					
Akron, Ohio	75	37	2	2	MOUNTAIN.	401	226	23	23
Canton, Ohio	36	25	7	2	Albuquerque, N. Mex	36	17	1	] ]
Cincinnati, Ohio	826 188	419 117	48 10	50	Colorado Springs, Colo.	15 114	63	3 9	11
Cleveland, Ohio	217	133	8	8 10	Denver, Colo Ogden, Utah	21	11	1	1
Columbus, Ohio	130	79	2	6	Phoenix, Ariz	100	59	5	5
Dayton, Ohio	79	48	1	5	Pueblo, Colo.*	17	9	1	] ]
Detroit, Mich	367	180	17	28	Salt Lake City, Utah	47	26	1	] 3
Evansville, Ind	37	24	-	40.5	Tucson, Ariz	51	32	2	9.42
Flint, Mich.	49	28	3	4		1 766			
Gary, Ind	41	26	4	2	PACIFIC:	1,765 17	1,040	63	112
Grand Rapids, Mich	34 59	12 37	3 4	1 2	Berkeley, Calif Fresno, Calif	42	11 26	1	
Indianapolis, Ind	162	100	11	10	Glendale, Calif	57	39	_	
Madison, Wis	29	15	-	2	Honolulu, Hawaii	50	24	1	
Milwaukee, Wis	149	84	7	15	Long Beach, Calif. *	72	44	2	
Peoria, Ill	36	15	3	5	Los Angeles, Calif.*	572	324	25	40
Rockford, Ill.	30	18	2	-	Oakland, Calif	122	77	4	13
Toledo, Ohio	43	27	2	2	Pasadena, Calif.*	37 129	77	1 2	33.5
Youngstown, Ohio	94 67	48 39	3	6	Portland, Oreg Sacramento, Calif	72	45	3	
	0,	] "			San Diego, Calif	94	55	3	30.7
EST NORTH CENTRAL:	915	548	42	51	San Francisco, Calif	209	120	6	1
Des Moines, Iowa	76	53	2	2	San Jose, Calif	36	21	2	11112
Duluth, Minn.	38	26	-	1	Seattle, Wash	135	78	7	10
Kansas City, Kans	44	23	1	5	Spokane, Wash	68	40	4	11-6
Kansas City, Mo Lincoln, Nebr	135	75	7	13	Tacoma, Wash	53	32	2	
Minneapolis, Minn.	37 105	29 62	5 1	1 6	Total	14,027	7,895	701	827
Omaha, Nebr	86	50	2		10021	14,021	1,033	701	627
St. Louis, Mo	272	158	18	18	Cun	nulative 1	Totals	with a list	
St. Paul, Minn.	69	38	i -i	4	including reports			revious we	eks
Wichita, Kans	53	34	5	1	Distribution of vote		and allian	A POLY VALUE	
Service of			•	19	All Causes, All Ages			_	8,458
					All Causes, Age 65 and o				6,070
			isional to		Pneumonia and Influenza,	ALL Ages			1,365

#### SHIGELLOSIS - Georgia

An outbreak of shigellosis involved 220 students of a total enrollment of 526 in a Georgia public grade-school over the period November 20-22. The disease was characterized by malaise, high fever, bloody diarrhea, nausea and vomiting.

Epidemiologic investigation revealed that 205 of the 220 students reported ill had eaten in the school cafeteria on November 20. Stool cultures were positive for Shigella flexneri 6 in over 40 students and teachers and in 3 food handlers. The principal food handler involved in preparation of the subject meal had felt ill that day and went home after completing her work, complaining of diarrhea. Her 4-year-old child was also ill with diarrhea the same day and they both subsequently had positive stool cultures for Shigella flexneri 6. Her duties in preparing the luncheon meal consisted of cutting vegetables, opening cans of tuna fish, and mixing the ingredients of a tuna fish salad, believed to be the probable vehicle of infection.

(Reported by Robert J. Walker, Jr., M.D., Director of Public Health, District No. 34, and John E. McCroan, Ph.D., Chief Epidemiologist, Georgia Department of Public Health, Atlanta, Georgia.)

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH TION OF 13,000 IS PUBLISHED BY THE COMMUNICAB CENTER, ATLANTA, GEORGIA 30333.

CHIEF, COMMUNICABLE DISEASE CENTER CHIEF, EPIDEMIOLOGY BRANCH CHIEF, STATISTICS SECTION ASST. CHIEF, STATISTICS SECTION CHIEF, SURVEILLANCE SECTIOM

JAMES L. GODDARD, M.D. A. D. LANGMUIR, M.D. R. E. SERFLING, PH.D. I. L. SHERMAN, M.S.

THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
COMMUNICABLE DISEASE CENTER COMMUNICABLE DISEASE

NOTE: THESE PROVISIONAL DATA ARE BASED ON WEEKLY TELE-GRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPART-MENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING

SYMBOLS:--- DATA NOT AVAILABLE - QUANTITY ZERO

THE CONSTRUCTION OF THE MORTALITY CURVES IS DESCRIBED IN VOL. 14, NO. 1, JANUARY 15, 1965.

HEALTH, EDUCATION, AND WELFARE Communicable Disease Center PUBLIC HEALTH SERVICE

Atlanta, Georgia 30333 Official Business

S. DEPARTMENT OF POSTAGE AND FEES PAID Ξ m \*